

Application Number 09/714,325  
Amendment dated May 20, 2005  
Reply to Office Action of February 22, 2005

Amendments to the Specification:

Please amend the paragraph at page 6 lines 8 through 12 as follows:

In Fig. 5, in accordance with the invention, an address trace cache 220 is composed of a comprises a start address storing area for storing a start address for storing an address where each routine is started, an end address storing area for storing an end address for an address where each routine is finished, a current loop iteration counter for generating a current iteration count of a corresponding routine, and a total loop iteration count for indicating total number of iterations of the routine. That is, the total loop iteration count is a stored value indicating the total number of iterations of the routine to be executed.